

09715576-111700

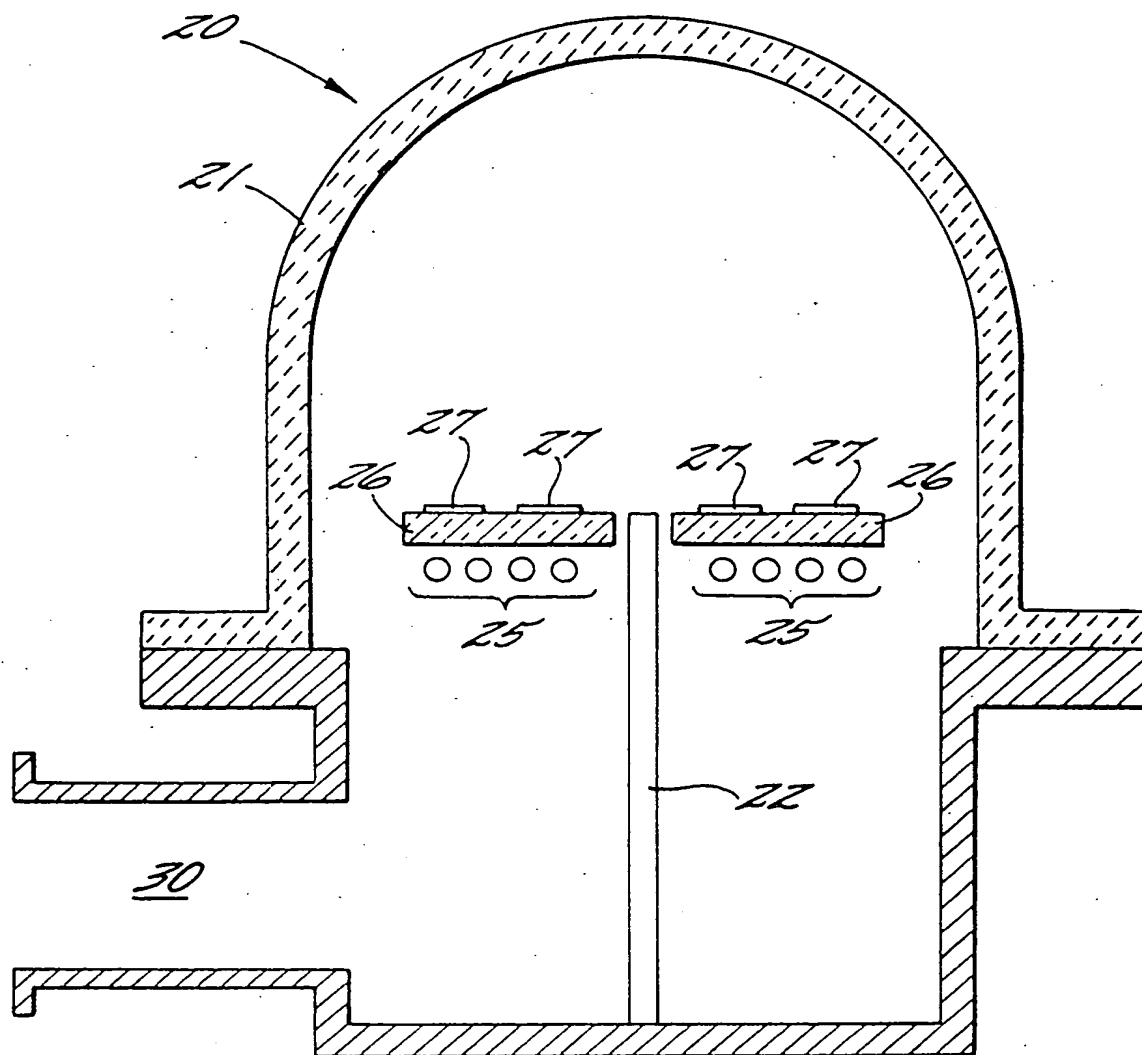


FIG. 1.

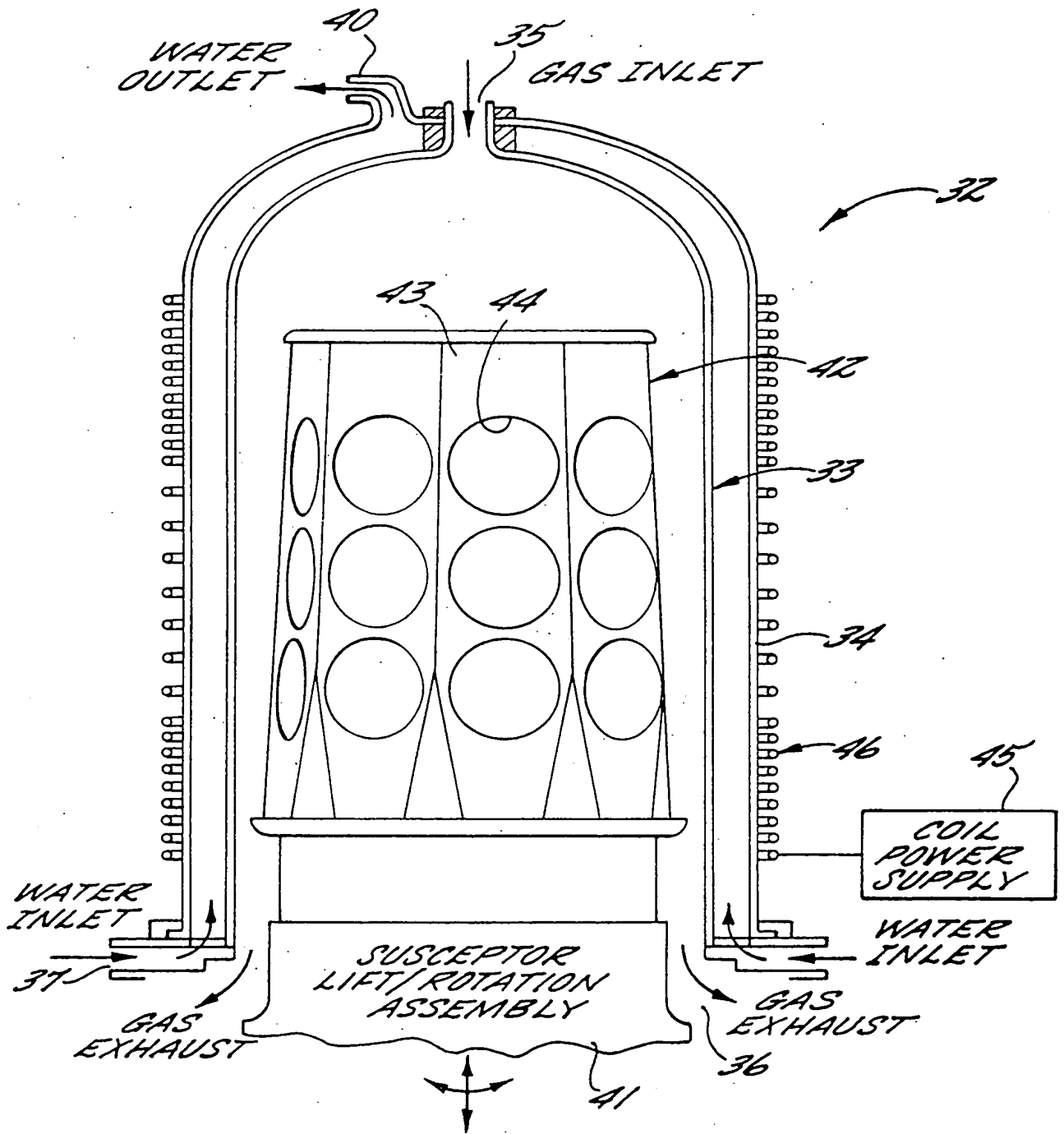


FIG. 2.

The graph plots Wafer Deflection (1/1000 inch) on the y-axis against Wafer Diameter (inch) on the x-axis. The y-axis ranges from 0 to 80 in increments of 10. The x-axis ranges from 0 to 6 in increments of 1. Three curves are shown, representing different temperature differences (Delta T) between the surface and the back of the wafer. The curves are labeled Delta T = 50 C, Delta T = 30 C, and Delta T = 10 C. The curves show that deflection increases with diameter and with Delta T. The graph also specifies T(SURFACE) = 1530 C and Wafer Thickness = 12 MILS.

Wafer Diameter (inch)	Deflection (1/1000 inch) for Delta T = 10 C	Deflection (1/1000 inch) for Delta T = 30 C	Deflection (1/1000 inch) for Delta T = 50 C
0	0	0	0
1	~1	~2	~4
2	~4	~8	~16
3	~9	~18	~36
4	~16	~32	~64
5	~25	~50	~100
6	~36	~72	~144

42 →

<u>43</u>	<u>43</u>	<u>43</u>
44	44	44
44	44	44

Fig. 4.

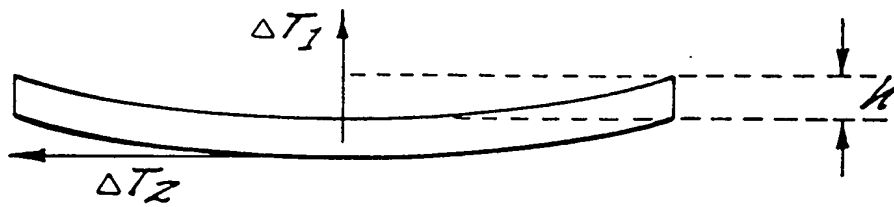


FIG. 5.

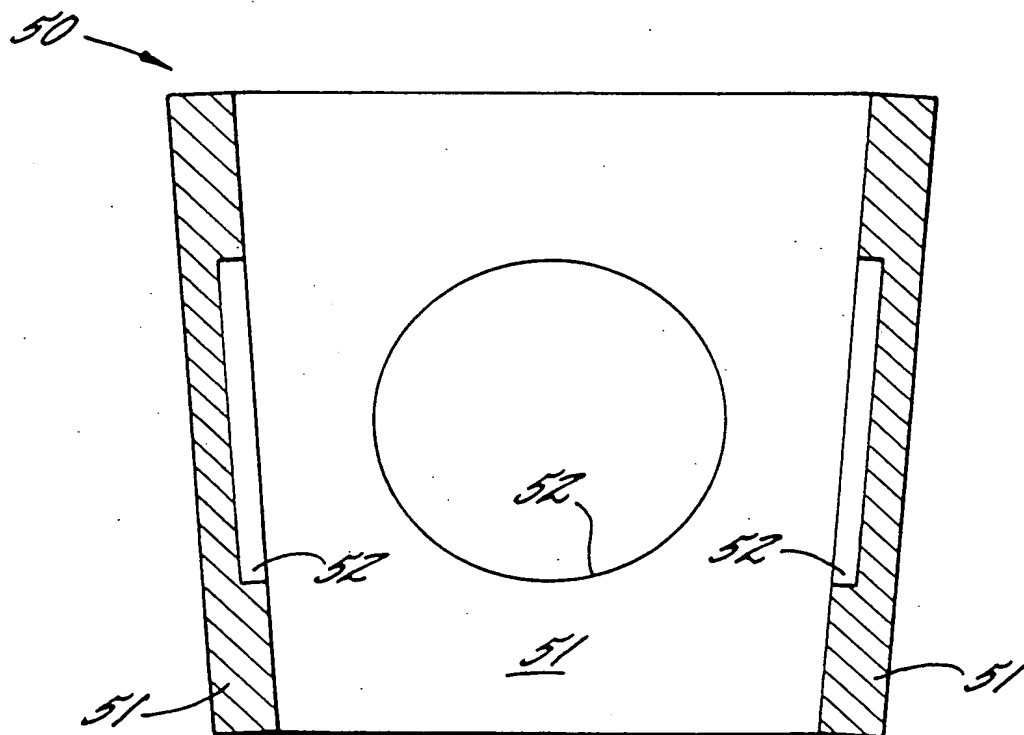


FIG. 6.

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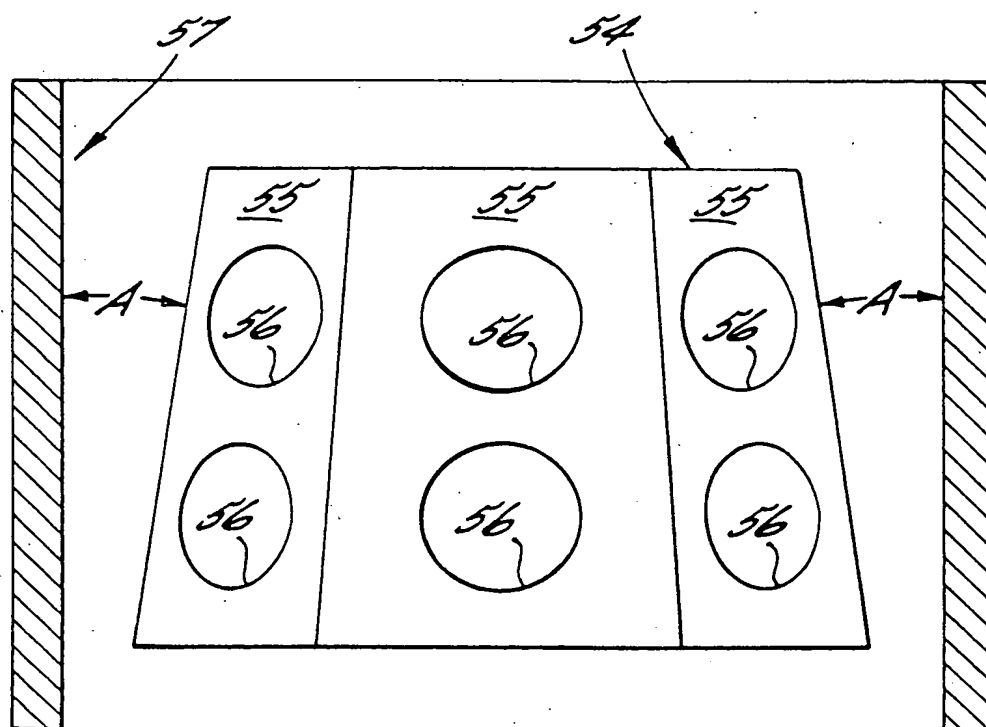


FIG. 7.

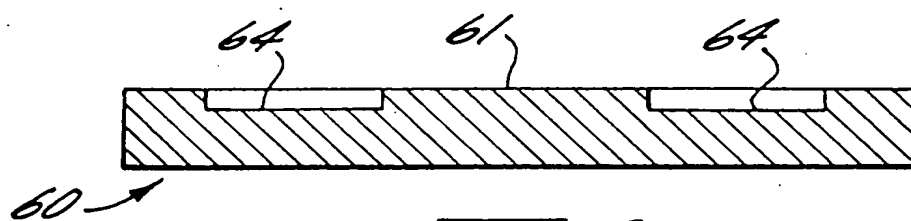


FIG. 8.

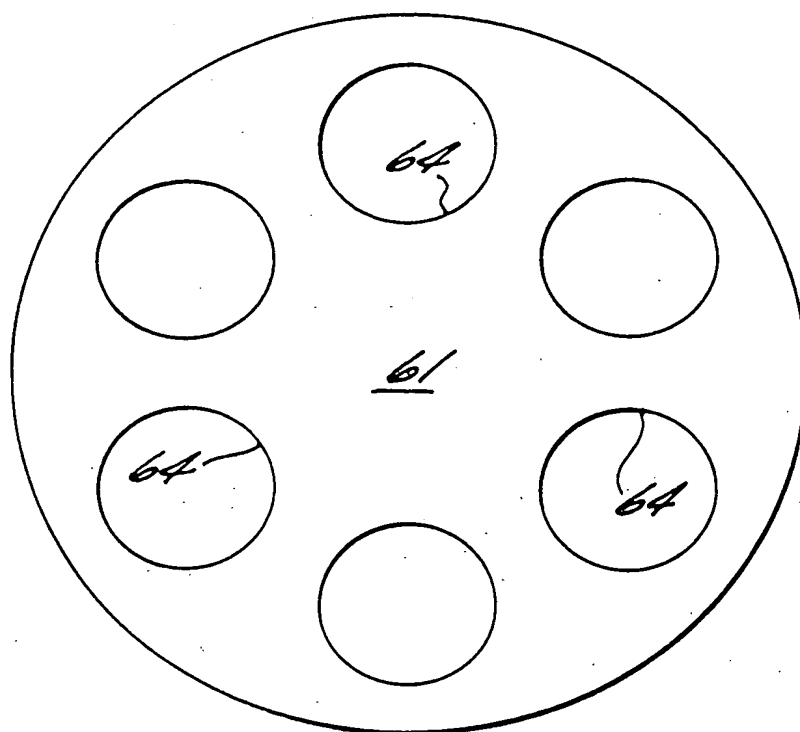


FIG. 9.

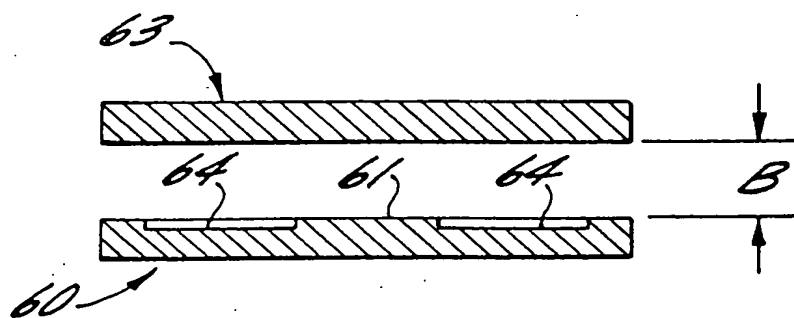


FIG. 10.

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